

## **CLAIMS**

1. Formwork element which, being especially designed for the obtention of reinforced concrete walls, is characterised in that it has a rectangular-prismatic  
5 (1) body, made of hollow, expanded polystyrene foam or other similar material, open at the upper and lower faces, provided with multiple small projections (3) on the periphery of said faces which have the form of die and a staggered distribution and which define equally formed housings (4) between one another, the projections on the upper face being offset with respect to those of the lower  
10 face, in order to achieve a multiple tongue-and-groove coupling upon superimposition of the bodies (1).
2. Formwork element, according to claim 1, characterised in that said prismatic body (1) has internal rigidifying partitions (2), preferably of a height substantially  
15 smaller than that of the body itself (1).
3. Formwork element, according to the preceding claims, characterised in that the prismatic body (1') incorporates wide indentations (6) on the edges of its smaller side walls (5), when said body (1') is designed to become a part of rows  
20 on the wall whereon it is necessary to create horizontal metal frameworks.
4. Formwork element, according to claim 3, characterised in that the prismatic bodies (1'') designed to occupy the end positions on said rows which receive the horizontal metal frameworks, exhibit indentations (6) on only one of the  
25 smaller side walls, while the other, the terminal one, is closed.
5. Formwork element, according to the preceding claims, characterised by the fact that it constitutes a lost element, designed to indefinitely become a part of the corresponding wall, to which it confers the thermal and acoustic insulation  
30 characteristics derived from its own nature.
6. Formwork element, according to the preceding claims, characterised by the fact that it is capable of housing therein, in addition to the said vertical and horizontal frameworks, pipes and conduits for auxiliary services such as water,  
35 electricity, or other, which are laterally accessible by cutting the corresponding prismatic body's wall.